



Presented by...

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Job Order Contracting (JOC)

2011 TEAM Conference

- ▶ **Job Order Contracting 101**
 - ▶ Why JOC
 - ▶ Brief Introduction JOC
- ▶ **JOC Contract Details**
 - ▶ Fixed Unit Price List
 - ▶ Adjustment Factors
 - ▶ Bonding & LD Requirements
 - ▶ Traffic Control
- ▶ **Implementation of JOC**
 - ▶ Scope of Projects
 - ▶ MoDOT Timeline
- ▶ **Questions and Answers**



Job Order Contracting 101

What is Job Order Contracting?

Why JOC?

- Time and Cost Savings
- Reduce Change Orders
- Build Working Relationships
- Minimize Unbalanced Bidding

Definition:

“A job order contract is a long term, indefinite delivery-indefinite quantity contract for construction services delivered on an on-call basis through firm fixed price delivery orders based on pre-established unit prices.”


What is JOC?

- IDIQ contract for a specified time period
- Defined geographical regions
- Pricing based on Fixed Unit Price List
- JOC adjustment factors include overhead & profit
- “On-call” contractor at competitive rate
- High performance incentive

Types of Projects

JOC is intended for minor new construction, maintenance and repairs

- ▶ Bridge maintenance
- ▶ Asphalt/Concrete pavement repair
- ▶ Guardrail/Guardcable repair
- ▶ General Drainage maintenance
- ▶ Signal/Lighting repair
- ▶ Mowing/Landscaping
- ▶ Building maintenance



Some JOC contracts
very specific (e.g., bridge maintenance);
Others allow for broader range
(e.g., general maintenance)



JOC Contract Details

How does JOC work at MoDOT?

Fixed Unit Price List

- Based on bid history & industry feedback
- Tasks includes all labor, equipment and materials
- Unit prices are complete and in-place construction
- Quantities defined in Job Order
- Payment for non-fixed items

Adjustment Factors

- Business Costs - Profit and Overhead
- Normal Work Hour Factor
- Nighttime Work Factor
- Weekend Factor
- Accelerated Repair



How to Bid?

Item Description	Approx. Qty	Unit	Unit Price	Bid Amount
618-99.16 Normal Work Adjustment Factor	150,000.00	DLR	1.150	172,500.00
618-99.16 Nighttime Work Adjustment Factor	800,000.00	DLR	1.200	960,000.00
618-99.16 Weekend Work Adjustment Factor	50,000.00	DLR	1.250	62,500.00
Bid Total				1,195,000.00

JOC Contract Details

Bonding and Liquidated Damages

- Bonding Based on Anticipated Budget
- LD's Accelerated Repair
- LD's for Nighttime Lane Closures
- LD's for Start & Finish
- Delay Provisions



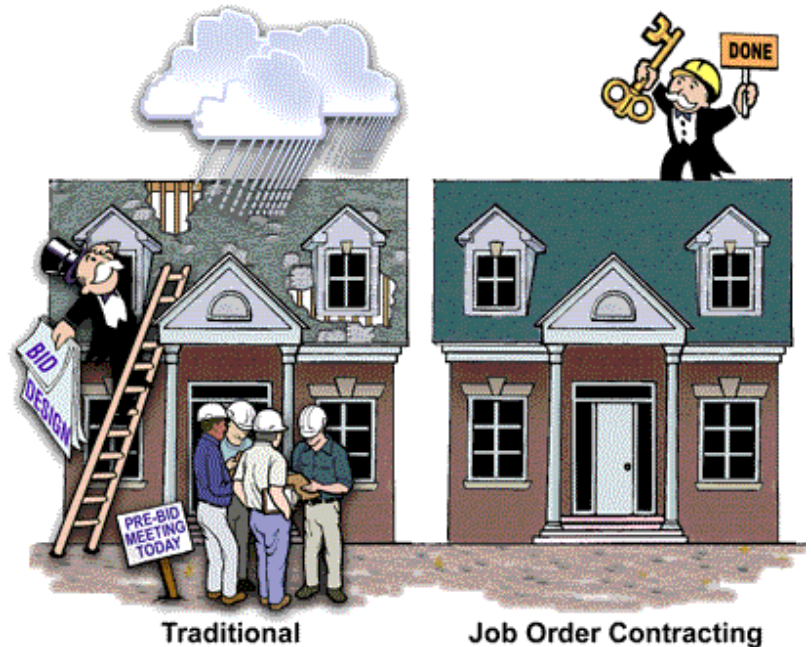
Traffic Control

- Work Hour Restrictions
- Traffic Control Plan Types
 - Single Lane, Double Lane, Triple Lane and Ramp Closure
 - One-Lane Two-Way Operation with Flaggers
- Additional Traffic Control Items
- Traffic Control by MoDOT Forces



Construction Phase

- Joint Site Visit
- Develop Scope of Work
- Issue Job Order
- Complete Work



JOC Contract Details

Example Job Order

Item Description	Fixed Unit Price	Quantity	Price
SP125C (PG70-22) Per Ton (Over 1000 Tons)	\$55.75	1107.6 Tons	\$18,793.33
SP190C (70-22) Per Ton (over 1000 tons)	\$53.75	770.5 Tons	\$41,414.61
Tack Coat	\$3.40	180 Gal	\$612.00
Mobilization – Coldmilling & Resurfacing (Over 1000 tons)	\$3,200.00	1 Each	\$3,200.00
Milling Per SY (4 In. to 6 In. Thick)	\$2.25	3520 SY	\$7,920.00
		Subtotal:	\$71,939.94
Nighttime Work Factor	1.200		
		Subtotal:	\$86,327.92
Accelerated Repair	\$2,500.00	1 Ea	\$2,500.00
		TOTAL:	\$88,827.92

JOC Contract Details



Implementation of JOC

MoDOT's JOC Program

Status of Implementation

- Pilot projects in D4 & D6 – 2010
- Incorporate lessons learned – December 2010
- Educate MoDOT staff – Early 2011
- Update/Develop Fixed Unit Price List – Early 2011
- Educate and collaborate with industry – January 2011
- Expand scope and location of JOC projects – 2011

Lessons Learned

- Increased quantity based items
- Added traffic control options
- Added extension option
- Non-fixed items
- SiteManager changes



Questions?

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Question and Answer Time